

POWER OF ATTORNEY

The undersigned hereby revokes all prior powers of attorney and appoints all attorneys associated with Customer Number 76058 as attorneys and/or patent agents with the power to represent the Assignee in connection with each of the issued patents and patent applications listed in the attached Schedule A.

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Yahoo! Inc., a California corporation, having a place of business at 701 FIRST AVENUE, SUNNYVALE, CALIFORNIA 94089, certifies that it is the assignee of the entire right, title, and interest in the patents and patent applications identified in the attached Schedule A by virtue of recorded assignments or other documents in the chains of title.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee Yahoo! Inc.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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3/30/10

By:

Name:

Romualdas Strimaitis

Title:

VP-Asso. general counsel

## Schedule A

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 07/349,028 | 5197004   | METHOD AND APPARATUS FOR AUTOMATIC CATEGORIZATION OF APPLICANTS FROM RESUMES                          |
| 08/799,915 | 6343302   | REMOTE WEB SITE AUTHORING SYSTEM AND METHOD   |
| 08/853,874 | 6205489   | METHOD FOR CLIENT-SERVER COMMUNICATIONS THROUGH A MINIMAL INTERFACE                                   |
| 08/873,975 | 5983227   | DYNAMIC PAGE GENERATOR  |
| 08/970,735 | 6108696   | METHOD AND APPARATUS TO CONNECT A GENERAL PURPOSE COMPUTER TO A SPECIAL PURPOSE SYSTEM                |
| 09/086,821 | 7581008   | WEB SERVICE   |
| 09/086,836 | 6317786   | WEB SERVICE   |
| 09/086,874 | 6279001   | WEB SERVICE   |
| 09/087,293 | 6314463   | METHOD AND SYSTEM FOR MEASURING QUEUE LENGTH AND DELAY  |
| 09/098,669 | 6446040   | INTELLIGENT TEXT-TO-SPEECH SYNTHESIS  |
| 09/098,670 | 6216157   | METHOD AND APPARATUS FOR A CLIENT-SERVER SYSTEM WITH HETEROGENEOUS CLIENTS                            |
| 09/303,962 | 6938073   | METHOD AND APPARATUS FOR RE-FORMATTING WEB PAGES  |
| 09/309,161 | 6910180   | REMOVING COOKIES FROM WEB PAGE RESPONSE HEADERS AND STORING THE COOKIES IN A REPOSITORY FOR LATER USE |
| 09/376,017 | 7035943   | WEB SERVER CONTENT REPLICATION  |
| 09/377,611 | 6976093   | WEB SERVER CONTENT REPLICATION  |
| 09/393,718 | 7171414   | DYNAMIC PAGE GENERATOR  |
| 09/474,379 | 6457095   | METHOD AND SYSTEM FOR REFERRAL MANAGEMENT   |
| 09/510,201 | 6651086   | SYSTEMS AND METHODS FOR MATCHING PARTICIPANTS TO A CONVERSATION                                       |
| 09/532,483 | 7143193   | CONTENT COLLECTION  |
| 09/613,436 | 6381594   | SYSTEM AND METHOD FOR PERSONALIZED INFORMATION FILTERING AND ALERT GENERATION                         |
| 09/638,467 |           | Offline-online incentive points system and method   |
| 09/645,645 |           | Processing of unsolicited bulk electronic mail  |
| 09/654,405 | 7148416   | WEB SITE ACTIVITY MONITORING SYSTEM WITH TRACKING BY CATEGORIES AND TERMS                             |
| 09/728,524 | 6965919   | PROCESSING OF UNSOLICITED BULK ELECTRONIC MAIL  |
| 09/773,250 | 6842773   | PROCESSING OF UNSOLICITED BULK ELECTRONIC MAIL  |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 09/773,417 |           | Communications system   |
| 09/773,471 | 6801945   | SYSTEMS AND METHODS FOR PREDICTING TRAFFIC ON INTERNET SITES  |
| 09/774,439 | 7149778   | PROCESSING OF UNSOLICITED BULK ELECTRONIC MAIL  |
| 09/774,870 | 6931433   | PROCESSING OF UNSOLICITED BULK ELECTRONIC MAIL  |
| 09/801,439 |           | Information display system and methods  |
| 09/839,789 |           | Information Display Systems and Methods   |
| 09/858,855 |           | Parental control system for use in connection with account-based internet access server   |
| 09/896,438 | 7370011   | FINANCIAL INFORMATION PORTAL  |
| 09/929,997 | 6912534   | WEB SERVICE   |
| 09/933,955 |           | Method of interpreting and presenting web content using a voice browser   |
| 09/938,789 | 6892209   | REDUCTION OF META DATA IN A NETWORK   |
| 10/038,285 | 6581061   | REMOTE WEB SITE AUTHORIZING SYSTEM AND METHOD   |
| 10/348,640 |           | SYSTEM AND METHOD FOR SHARING OBJECTS AMONG TWO OR MORE ELECTRONIC DEVICES  |
| 10/384,224 |           | SYSTEM AND METHOD FOR MANAGING TWO OR MORE ELECTRONIC DEVICES   |
| 10/384,225 |           | SYSTEM AND METHOD FOR ADAPTING PREFERENCES BASED ON DEVICE LOCATION AND NETWORK TOPOLOGY  |
| 10/384,226 |           | SYSTEM FOR STANDARDIZING UPDATES OF DATA ON A PLURALITY OF ELECTROONIC DEVICES  |
| 10/386,079 |           | SYSTEM AND METHOD FOR DELIVERING DATA IN A NETWORK  |
| 10/414,445 | 7062492   | REMOTE WEB SITE AUTHORIZING SYSTEM AND METHOD   |
| 10/417,709 | 6873996   | AFFINITY ANALYSIS METHOD AND ARTICLE OF MANUFACTURE   |
| 10/507,469 |           | Personals advertisement affinities in a networked computer system   |
| 10/610,902 | 7406501   | SYSTEM AND METHOD FOR INSTANT MESSAGING USING AN E-MAIL PROTOCOL  |
| 10/637,384 | 7240214   | Centrally controllable instant messaging system   |
| 10/651,473 | 7469302   | SYSTEM AND METHOD FOR ENSURING CONSISTENT WEB DISPLAY BY MULTIPLE INDEPENDENT CLIENT PROGRAMS WITH A SERVER THAT IS NOT PERSISTENTLY CONNECTED TO CLIENT COMPUTER SYSTEMS |
| 10/651,476 | 7395500   | Space-Optimizing Content Display (aka Dynamic Menu Control)   |
| 10/651,477 | 7325204   | SLIDEOUT WINDOWS  |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 10/651,923 | 7496607   | Method and System for Maintaining Synchronization Between a Local Data Cache and a Data Store     |
| 10/652,379 |           | Extensible user interface   |
| 10/652,607 |           | Method and System for Providing Desktop Application Functionality in a Client-Server Architecture |
| 10/675,234 | 7130819   | METHOD AND COMPUTER-READABLE MEDIUM FOR SEARCH SCORING  |
| 10/682,636 |           | Learned upload time estimate module   |
| 10/686,255 | 7120668   | SYSTEMS AND METHODS FOR MATCHING PARTICIPANTS TO A CONVERSATION                                   |
| 10/725,197 |           | Method and apparatus for performing a search  |
| 10/751,038 | 7424617   | Offline-online incentive points system and method   |
| 10/789,869 |           | Method and System for Generating Recommendation   |
| 10/794,006 |           | Keyword recommendation for internet search engines  |
| 10/803,473 | 7533414   | DETECTING SYSTEM ABUSE  |
| 10/819,768 |           | SYSTEMS AND METHOD FOR PROVIDING JOB INFORMATION RECOMMENDATIONS                                  |
| 10/827,910 | 7363296   | TECHNIQUES FOR INLINE SEARCHING IN AN INSTANT MESSENGER ENVIRONMENT                               |
| 10/828,614 |           | INTEGRATION OF INSTANT MESSENGING WITH INTERNET SEARCHING   |
| 10/847,838 |           | System and Method for Providing Automobile Marketing Research Information                         |
| 10/849,053 |           | Mapping method and system   |
| 10/870,310 |           | Parental controls authentication  |
| 10/934,645 |           | UPLOAD SECURITY SCHEME  |
| 10/935,866 |           | Spike Filter for Financial Data Represented as Discrete-Valued Time Series                        |
| 10/956,662 | 7558865   | SYSTEMS AND METHODS FOR PREDICTING TRAFFIC ON INTERNET SITES                                      |
| 10/959,917 |           | NAVIGATION PATTERN ON A DIRECTORY TREE  |
| 10/970,862 |           | Navigate, click and drag images in mobile applications  |
| 10/973,614 |           | METHOD OF INDEXING CATEGORIES FOR EFFICIENT SEARCHING AND RANKING                                 |
| 10/990,426 | 7403940   | Optimal storage and retrieval of XML data   |
| 10/990,773 |           | SYSTEMS AND METHODS FOR IMPLEMENTING PERSON-TO-PERSON MONEY EXCHANGE                              |
| 10/990,774 |           | SYSTEMS AND METHODS FOR IMPLEMENTING ACCOUNT-TO-ACCOUNT INTERNATIONAL MONEY EXCHANGES             |
| 10/990,775 |           | SYSTEMS AND METHODS FOR IMPLEMENTING PERSON-TO-PERSON INTERNATIONAL MONEY EXCHANGES               |

| Appl. No.  | Grant No. | Title  |
|------------|-----------|--|
| 10/990,777 | 7529706   | SYSTEMS AND METHODS FOR PERFORMING INTERNATIONAL MONEY EXCHANGES   |
| 10/991,539 |           | SYSTEMS AND METHODS FOR PROVIDING NOTIFICATION AND FEEDBACK BASED ON ELECTRONIC PAYMENT TRANSACTIONS   |
| 11/019,839 | 7359948   | AUTOMATED BULK COMMUNICATION RESPONDER   |
| 11/047,010 |           | Method and apparatus for providing dynamic moods for avatars   |
| 11/047,140 |           | Method and apparatus for providing real-time notification for avatars  |
| 11/047,182 |           | Method, apparatus and system for providing online identities   |
| 11/056,485 |           | A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications |
| 11/070,724 |           | Database Replication Across Different Database Platforms   |
| 11/080,258 | 7321922   | AUTOMATED SOLICITED MESSAGE DETECTION  |
| 11/112,316 |           | Traffic messaging system   |
| 11/119,637 | 7519581   | METHOD AND APPARATUS FOR PERFORMING A SEARCH   |
| 11/129,697 |           | MEDIA OBJECT ORGANIZATION ACROSS INFORMATION MANAGEMENT SERVICES   |
| 11/137,603 |           | Mapping method and system  |
| 11/155,159 |           | SYSTEMS AND METHODS FOR DETERMINING A RELEVANCE RANK FOR A POINT OF INTEREST   |
| 11/182,203 |           | SYSTEM AND METHOD FOR SYNCHRONIZING BETWEEN A USER DEVICE AND A SERVER IN A COMMUNICATION NETWORK  |
| 11/182,287 |           | CONTENT ROUTER   |
| 11/182,288 | 7623515   | CONTENT ROUTER NOTIFICATION  |
| 11/182,313 | 7631045   | CONTENT ROUTER ASYNCHRONOUS EXCHANGE   |
| 11/182,331 |           | CONTENT ROUTER FORWARDING  |
| 11/182,348 |           | SYSTEM AND METHOD FOR SERVICING A USER DEVICE  |
| 11/182,514 |           | METHODS AND SYSTEMS FOR DATA TRANSFER AND NOTIFICATION MECHANISMS  |
| 11/182,663 |           | SYSTEM AND METHOD FOR PROVISIONING A USER DEVICE   |
| 11/182,664 |           | UNIVERSAL CALENDAR EVENT HANDLING  |
| 11/182,665 |           | CONTENT ROUTER REPOSITORY  |
| 11/183,073 |           | CONTENT ROUTER GATEWAY   |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 11/183,137 |           | AN ALERT MECHANISM FOR NOTIFYING MULTIPLE USER DEVICES SHARING A CONNECTED DATA-SET |
| 11/197,758 | 7356589   | CONTENT COLLECTION  |
| 11/198,923 |           | WEB SERVER CONTENT REPLICATION  |
| 11/202,670 |           | SYSTEM AND METHOD FOR SELECTING AND MANAGING FILES                                  |
| 11/202,701 |           | System and method for uploading files   |
| 11/202,724 |           | SYSTEM AND METHOD FOR SELECTING AND MANAGING FILES                                  |
| 11/256,296 |           | ACCOUNT CONSOLIDATION   |
| 11/261,984 |           | User interface for integrating diverse methods of communication                     |
| 11/262,052 |           | Scalable software blade architecture  |
| 11/262,194 |           | Low code-footprint security solution  |
| 11/262,340 |           | Recovering a blade in scalable software blade architecture                          |
| 11/262,549 |           | Sharing data in scalable software blade architecture                                |
| 11/263,623 |           | INTERACTIVE MAP-BASED TRAVEL GUIDE  |
| 11/264,121 |           | CONTENT ROUTER PROCESSING   |
| 11/264,435 |           | CONTENT ROUTER CORE VARIANTS  |
| 11/273,891 |           | Data synchronization and device handling  |
| 11/280,746 |           | DATA GATEWAY  |
| 11/286,047 |           | Previous communication updating in instant messaging                                |
| 11/325,830 |           | SYNCHRONIZING IMAGE DATA AMONG APPLICATIONS AND DEVICES                             |
| 11/347,517 |           | Morrison & Foerester LLP  |
| 11/350,638 |           | MEDIA OBJECT METADATA ASSOCIATION AND RANKING                                       |
| 11/350,981 |           | INTERESTINGNESS RANKING OF MEDIA OBJECTS  |
| 11/353,657 |           | Time synchronization of digital media   |
| 11/361,236 | 7450003   | USER-DEFINED PRIVATE MAPS   |
| 11/361,268 |           | Method and system for communicating with multiple users via a map over the internet |
| 11/364,992 |           | PROGRESSIVE LOADING   |
| 11/375,802 |           | METHOD AND SYSTEM FOR PREMIUM ACCESS  |
| 11/398,386 |           | CONTENT DISPLAY AND NAVIGATION INTERFACE  |
| 11/406,683 |           | Player roster selection interface   |
| 11/408,670 |           | Method and system for entering search queries                                       |
| 11/411,255 |           | Inactivity Based Content Switching  |
| 11/432,033 |           | Method and system for presenting photos on a website                                |
| 11/432,037 | 7562311   | Persistent photo tray   |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 11/437,344 |           | Summarization of media object collections                                       |
| 11/442,659 |           | REMOTE WEB SITE AUTHORING SYSTEM AND METHOD                                     |
| 11/495,074 |           | Fantasy sports agent  |
| 11/495,087 |           | Fantasy sports alert generator  |
| 11/502,680 |           | Content structures and content navigation interfaces                            |
| 11/502,758 |           | CONTENT NAVIGATION INTERFACES AND ASSOCIATED METHODS                            |
| 11/503,049 |           | Instant messenger alerts and organization systems                               |
| 11/508,596 |           | Persistent saving portal  |
| 11/514,413 |           | USER-CONVERTED MEDIA MARKETPLACE  |
| 11/524,747 |           | METHOD AND APPARATUS FOR SEARCH SCORING   |
| 11/528,753 |           | Instant messaging interoperability between disparate service providers          |
| 11/544,176 |           | Collapsible itineraries   |
| 11/580,776 |           | METHOD AND SYSTEM FOR NAVIGATING A MAP  |
| 11/581,145 |           | INTERACTIVE MAPPING METHOD AND SYSTEM   |
| 11/589,006 |           | Integration of personalized fantasy data with general sports content            |
| 11/592,564 |           | METHOD OF CLIENT SIDE MAP RENDERING WITH TILED VECTOR DATA                      |
| 11/593,668 |           | CONTEXT SERVER FOR ASSOCIATING INFORMATION WITH A MEDIA OBJECT BASED ON CONTEXT |
| 11/593,869 |           | CONTEXT SERVER FOR ASSOCIATING INFORMATION BASED ON CONTENT                     |
| 11/603,496 |           | Player roster selection interface   |
| 11/603,853 |           | METHOD AND SYSTEM FOR FINDING SIMILAR CHARTS FOR FINANCIAL ANALYSIS             |
| 11/606,717 |           | EVALUATION OF FANTASY PLAYERS   |
| 11/606,825 |           | CLIENT BASED ONLINE FRAUD PREVENTION  |
| 11/635,247 | 7555477   | PAID CONTENT BASED ON VISUALLY ILLUSTRATIVE CONCEPTS                            |
| 11/635,443 |           | Pre-cognitive delivery of in-context related information                        |
| 11/635,451 | 7555478   | SEARCH RESULTS PRESENTED AS VISUALLY ILLUSTRATIVE CONCEPTS                      |
| 11/639,563 |           | VISUALIZING LOCATION-BASED DATASETS USING "TAG MAPS"                            |
| 11/639,852 |           | AUTOMATIC DATA BACK UP AND ACCOUNT CREATION                                     |
| 11/640,069 |           | MEAL FINDER   |
| 11/643,063 |           | PROVIDING REAL TIME INFORMATION IN A VISUAL INFORMATION UNIT                    |
| 11/644,170 |           | ROTISSERIE FANTASY LEAGUE VISUALIZATION TOOLS                                   |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 11/644,670 |           | PLAYER STREAKS AND GAME DATA VISUALIZATION  |
| 11/644,671 |           | METHOD AND APPARATUS FOR CREATING USER-GENERATED DOCUMENT FEEDBACK TO IMPROVE SEARCH RELEVANCY            |
| 11/644,696 |           | EXPORTED OVERLAYS   |
| 11/644,734 |           | Method and system for progressive disclosure of search results  |
| 11/644,812 |           | Transactional calendar  |
| 11/644,851 |           | Method and system for locating events in-context  |
| 11/656,052 |           | Method and system for presenting information with multiple views  |
| 11/656,838 | 7565359   | DYNAMIC PAGE GENERATOR  |
| 11/710,026 |           | SYNCHRONOUS DELIVERY OF MEDIA CONTENT IN A COLLABORATIVE ENVIRONMENT                                      |
| 11/710,050 |           | USER INTERFACE FOR TRANSITIONING BETWEEN CHAT AND EMAIL   |
| 11/713,330 |           | STATELESS GATEWAYS HAVING REMOTE DIALOG STORE   |
| 11/716,121 |           | AUTOCOMPLETE FOR INTEGRATING DIVERSE METHODS OF ELECTRONIC COMMUNICATION                                  |
| 11/732,863 |           | USER-DEFINED MEDIA ANNOTATIONS ON DYNAMIC CHARTS  |
| 11/784,843 |           | CLIENT SIDE EDITING APPLICATION FOR OPTIMIZING EDITING OF MEDIA ASSETS ORIGINATING FROM CLIENT AND SERVER |
| 11/784,918 |           | VIDEO GENERATION BASED ON AGGREGATE USER DATA   |
| 11/786,016 |           | USER INTERFACE FOR EDITING MEDIA ASSESTS  |
| 11/786,020 |           | ONLINE REMIXING OF DIGITAL MULTIMEDIA   |
| 11/786,248 |           | INTELLIGENT CACHING OF USER DATA FOR REAL TIME COMMUNICATIONS   |
| 11/796,268 |           | DATA SNYNCHRONIZATION AND DEVICE HANDLING USING SEQUENCE NUMBERS  |
| 11/804,123 |           | CONTEXT-DIRECTED SEARCH   |
| 11/810,198 |           | INTERACTIVE INTERFACE FOR NAVIGATING, PREVIEWING, AND ACCESSING MULTIMEDIA CONTENT                        |
| 11/824,279 |           | FLASH BASED DATA AGGREGATION AND EXCHANGE   |
| 11/824,552 |           | ESTABLISHING AND UPDATING REPUTATION SCORES IN ONLINE PARTICIPATORY SYSTEMS                               |
| 11/827,316 |           | INTERFACE FOR VISUALLY SEARCHING AND NAVIGATING OBJECTS   |
| 11/842,095 |           | DYNAMIC PAGE GENERATOR  |



| Appl. No.  | Grant No. | Title  |
|------------|-----------|--|
| 11/847,199 |           | AUTOMATED MOST POPULAR MEDIA ASSET CREATION  |
| 11/847,208 |           | IN-PLACE UPLOAD AND EDITING APPLICATION FOR EDITING MEDIA ASSETS                         |
| 11/854,159 |           | TRACKBACKS FOR MEDIA ASSETS  |
| 11/854,369 |           | INLINE RIGHTS REQUEST AND COMMUNICATION FOR REMOTE CONTENT                               |
| 11/860,523 |           | REAL-TIME PRESENCE OF ONLINE CONTACTS  |
| 11/862,108 |           | WEB-BASED COMPETITIONS USING DYNAMIC PREFERENCE BALLOTS                                  |
| 11/864,828 |           | LOADING PREDICTED TAGS ONTO ELECTRONIC DEVICES   |
| 11/868,133 |           | STOCK VIDEO PURCHASE   |
| 11/872,494 |           | SUGGESTIVE MEETING POINTS BASED ON LOCATION OF MULTIPLE USERS                            |
| 11/877,402 |           | SYNCHRONOUS DELIVERY OF MEDIA CONTENT AND REAL-TIME COMMUNICATION FOR ONLINE DATING      |
| 11/879,599 |           | ASYNCHRONOUS SEARCH PLATFORM FOR MOBILE DEVICE USERS                                     |
| 11/880,255 |           | USER-CONTROLLED PRINT FRIENDLY PAGE  |
| 11/880,912 |           | MAP-BASED INTERFACES FOR STORING AND LOCATING INFORMATION ABOUT GEOGRAPHICAL AREAS       |
| 11/893,016 |           | LOCATION-BASED VISUALIZATION OF GEO-REFERENCED CONTEXT                                   |
| 11/893,836 |           | PERSISTENT VISUAL MEDIA PLAYER   |
| 11/903,773 |           | USER-DEFINED MEDIA ANNOTATIONS ON DYNAMIC CHARTS   |
| 11/926,915 |           | METHOD AND SYSTEM OF INTERPRETING AND PRESENTING WEB CONTENT USING A VOICE BROWSER       |
| 11/931,332 |           | TEXT DISPLAY OF GEO-REFERENCED INFORMATION BASED ON RELATIVE DISTANCE TO A USER LOCATION |
| 11/932,562 |           | DISTRIBUTED COLLABORATIVE LEARNING SYSTEM  |
| 11/933,135 |           | DYNAMIC PAGE GENERATOR   |
| 11/941,038 |           | VIDEO TAG GAME   |
| 11/949,638 |           | ASSOCIATING METADATA WITH MEDIA OBJECTS USING TIME                                       |
| 11/959,376 |           | Real-Time Display of Fantasy Sports Player Transaction Data                              |
| 11/959,442 |           | VISUAL DISPLAY OF FANTASY SPORTS TEAM STARTING ROSTER DATA TRENDS                        |
| 11/966,072 |           | Live Sports Community Commentary   |
| 11/966,701 |           | ONE-STOP TRAVEL SEARCH   |

| Appl. No.  | Grant No. | Title  |
|------------|-----------|--|
| 11/966,934 |           | CREATING AND EDITING MEDIA OBJECTS USING WEB REQUESTS  |
| 11/966,972 |           | USER-GENERATED ACTIVITY MAPS   |
| 11/968,596 |           | METHOD AND SYSTEM FOR MANAGING DIGITAL PHOTOS  |
| 11/969,815 |           | INTEREST MAPPING SYSTEM  |
| 12/030,127 | 7640210   | FINANCIAL INFORMATION PORTAL   |
| 12/039,564 |           | MEASUREMENT OF THE EFFECTIVENESS OF ADVERTISEMENT DISPLAYED ON WEB PAGES                       |
| 12/040,578 |           | TECHNIQUES FOR INLINE SEARCHING IN AN INSTANT MESSENGER ENVIRONMENT                            |
| 12/042,306 |           | GENERATING CONGRUOUS METADATA FOR MULTIMEDIA   |
| 12/049,857 |           | AGENT-BASED CUSTOMIZED ONLINE SHOPPING   |
| 12/054,305 |           | LOCATION-BASED OPPORTUNISTIC RECOMMENDATIONS   |
| 12/060,069 |           | INFORMATION RETRIEVAL USING DYNAMIC GUIDED NAVIGATION  |
| 12/060,094 |           | INFORMATION RETRIEVAL USING DYNAMIC GUIDED NAVIGATION  |
| 12/060,154 |           | NAME VERIFICATION USING MACHINE LEARNING   |
| 12/062,271 |           | AD MATCHING BY AUGMENTING A SEARCH QUERY WITH KNOWLEDGE OBTAINED THROUGH SEARCH ENGINE RESULTS |
| 12/098,326 |           | LOCAL MAP CHAT   |
| 12/098,376 |           | HYBRID TERM AND DOCUMENT-BASED INDEXING FOR SEARCH QUERY RESOLUTION                            |
| 12/101,937 |           | COUPON CLIPPER   |
| 12/116,486 |           | METHOD FOR EFFICIENTLY BUILDING COMPACT MODELS FOR LARGE MULTI-CLASS TEXT CLASSIFICATION       |
| 12/118,339 |           | AUTOMATED TAGGING OF DOCUMENTS   |
| 12/126,797 |           | ORDERING RELEVANT CONTENT BY TIME FOR DETERMINING TOP PICKS                                    |
| 12/132,572 |           | GENERATING SHARABLE RECOMMENDED AND POPULAR E-MAILS  |
| 12/133,573 |           | FRIENDLY SEARCH AND SOCIALLY AUGMENTED SEARCH QUERY ASSISTANCE LAYER                           |
| 12/134,176 |           | OPTIMAL STORAGE AND RETRIEVAL OF XML DATA  |
| 12/135,070 |           | INVERTED INDICES IN INFORMATION EXTRACTION TO IMPROVE RECORDS EXTRACTED PER ANNOTATION         |
| 12/163,754 |           | USING CURRENCY IN ONLINE FANTASY SPORTS GAMES  |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 12/163,898 |           | SYSTEMS AND METHODS FOR TOKENIZING AND INTERPRETING UNIFORM RESOURCE LOCATORS   |
| 12/165,592 |           | Space-Optimizing Content Display (aka Dynamic Menu Control)   |
| 12/167,147 |           | INTEGRATION OF INSTANT MESSAGING WITH INTERNET SEARCHING  |
| 12/168,046 | 7500046   | SYSTEM AND METHOD FOR ENSURING CONSISTENT WEB DISPLAY BY MULTIPLE INDEPENDENT CLIENT PROGRAMS WITH A SERVER THAT IS NOT PERSISTENTLY CONNECTED TO CLIENT COMPUTER SYSTEMS |
| 12/168,758 |           | FORECASTING ASSOCIATION RULES ACROSS USER ENGAGEMENT LEVELS   |
| 12/169,578 |           | PROVIDING REAL TIME INFORMATION IN A VISUAL INFORMATION UNIT  |
| 12/182,111 |           | REGION AND DURATION UNIFORM RESOURCE IDENTIFIERS (URI) FOR MEDIA OBJECTS  |
| 12/187,236 |           | TRACKING MARKET-SHARE TRENDS BASED ON USER ACTIVITY   |
| 12/195,329 |           | CONTROLLED PARALLEL PROPAGATION OF VIEW TABLE UPDATES IN DISTRIBUTED DATABASE SYSTEM  |
| 12/196,329 |           | FAULT TOLERANT UPDATE PROPAGATION TO VIEW   |
| 12/241,657 |           | MULTI-OBJECTIVE OPTIMIZATION FOR INVENTORY ALLOCATION   |
| 12/241,765 |           | PARALLEL EXECUTION OF RANGE QUERY   |
| 12/241,815 |           | PREDICTING CLICK THROUGH RATE   |
| 12/243,347 |           | DEMAND FORECASTING SYSTEM AND METHOD FOR ONLINE ADVERTISEMENTS  |
| 12/250,165 |           | METHOD AND SYSTEM FOR PROVIDING CUSTOMIZED REGIONAL MAPS  |
| 12/252,302 |           | PHISHING ABUSE RECOGNITION IN WEB PAGES   |
| 12/255,597 |           | FANTASY SPORTS CONFIDENCE SCORES  |
| 12/259,769 |           | A SCALABLE FIREWALL POLICY MANAGEMENT PLATFORM  |
| 12/262,511 |           | METHOD OF PROGRAMMED ALLOCATION OF ADVERTISING OPPORTUNITIES FOR CONFORMANCE WITH GOALS   |
| 12/265,382 |           | ROOFTOP INDICATORS FOR ONLINE MAPS  |
| 12/324,154 |           | PREDICTIVE INDEXING FOR FAST SEARCH   |
| 12/331,842 |           | LIGHT-WEIGHT CONCURRENCY CONTROL IN PARALLELIZED VIEW MAINTENANCE   |
| 12/341,955 |           | Method and System for Maintaining Synchronization Between a Local Data Cache and a Data Store   |

| Appl. No.  | Grant No. | Title  |
|------------|-----------|--|
| 12/344,148 |           | IDENTIFICATION AND TRANSFER OF A MEDIA OBJECT SEGMENT FROM ONE COMMUNICATIONS NETWORK TO ANOTHER |
| 12/346,641 |           | SQUASHED MATRIX FACTORIZATION FOR MODELING INCOMPLETE DYADIC DATA                                |
| 12/347,882 |           | AUGMENTING ONLINE CONTENT WITH ADDITIONAL CONTENT RELEVANT TO USER INTERESTS                     |
| 12/350,177 |           | SECURE BROWSER-BASED APPLICATIONS  |
| 12/368,211 |           | USER INTERFACE FOR INTEGRATING DIVERSE METHODS OF COMMUNICATION                                  |
| 12/368,932 |           | USING SPECIFICITY MEASURES TO RANK DOCUMENTS   |
| 12/407,681 |           | METHOD AND APPARATUS FOR ASSOCIATING ADVERTISING CONTENT WITH COMPUTER ENABLED MAPS              |
| 12/407,690 |           | METHOD AND APPARATUS FOR ASSOCIATING ADVERTISING WITH COMPUTER ENABLED MAPS                      |
| 12/409,339 |           | SYSTEMS AND METHOD FOR RESOLVING NETWORK ADDRESSES   |
| 12/412,238 |           | COMPUTER BASED LOCATION IDENTIFICATION USING IMAGES  |
| 12/416,862 |           | SYSTEMS AND METHODS FOR PERFORMING INTERNATIONAL MONEY EXCHANGES                                 |
| 12/434,575 |           | GIFT CREDIT MATCHING ENGINE  |
| 12/434,580 |           | GIFT INCENTIVE ENGINE  |
| 12/466,321 |           | IDENTIFYING AND RECOMMENDING CONNECTIONS ACROSS MULTIPLE ONLINE SERVICES                         |
| 12/467,189 |           | MAP ADVERTISING SYSTEM INTERFACE   |
| 12/476,711 |           | FINDING ICONIC IMAGES  |
| 12/495,560 |           | ADAPTIVE RESOURCE ALLOCATION FOR PARALLEL EXECUTION OF A RANGE QUERY                             |
| 12/543,231 |           | METHODS AND SYSTEMS FOR DATA TRANSFER AND NOTIFICATION MECHANISMS                                |
| 12/550,339 |           | ABOVE THE FOLD   |
| 12/554,401 |           | MATCHING REVIEWS WITH OBJECTS USING A LANGUAGE MODEL   |
| 12/555,706 |           | MEDIA OBJECT METADATA ASSOCIATION AND RANKING  |
| 29/284,049 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT  |
| 29/284,050 | D590644   | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT  |

| Appl. No.  | Grant No. | Title   |
|------------|-----------|---|
| 29/284,081 |           | INTERACTIVE INTERFACE FOR NAVIGATING, PREVIEWING, AND ACCESSING MULTIMEDIA CONTENT      |
| 29/288,435 |           | A Display Panel Displaying Web Browser Content and Controls                             |
| 29/291,706 |           | GRAPHICAL USER INTERFACE FOR AN ANNOTATED DYNAMICALLY GENERATED CHART                   |
| 29/292,023 | D596,645  | GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN   |
| 29/293,425 | D594,012  | DISPLAY PANEL FOR DISPLAY OF FANTASY SPORTS PLAYER TRANSACTION DATA                     |
| 29/293,437 | D594,484  | DISPLAY PANEL FOR DISPLAY OF FANTASY SPORTS TEAM ROSTER DATA TRENDS                     |
| 29/295,338 | D589,527  | SYNCHRONOUS DELIVERY OF MEDIA CONTENT IN A COLLABORATIVE ENVIRONMENT                    |
| 29/296,164 | D595,728  | Display panel with graphical user interface for navigating content                      |
| 29/299,126 | D607,004  | GRAPHICAL USER INTERFACE FOR A DISPLAY PANEL  |
| 29/299,128 | D590,411  | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTACTS  |
| 29/299,439 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING SELECTIONS                                      |
| 29/299,467 | D590,412  | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT SELECTIONS ON A DISPLAY PANEL           |
| 29/302,873 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT   |
| 29/302,875 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT   |
| 29/305,538 | D589,970  | COMPUTER USER INTERFACE FOR A DISPLAY SCREEN  |
| 29/306,613 | D604,306  | COUPON CLIPPER  |
| 29/322,623 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT   |
| 29/323,208 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT   |
| 29/323,284 |           | FANTASY SPORTS CONFIDENCE SCORES  |
| 29/323,780 | D602,029  | GRAPHICAL USER INTERFACE FOR DISPLAYING MULTIMEDIA CONTENT FOR A DISPLAY SCREEN         |
| 29/324,348 |           | GRAPHICAL USER INTERFACE FOR PROVIDING ANNOTATED ALERTS ON DYNAMICALLY GENERATED CHARTS |
| 29/333,127 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT   |
| 29/333,228 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING CONTENT SELECTIONS ON A DISPLAY PANEL           |

| Appl. No.  | Grant No. | Title  |
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| 29/334,912 | D602,038  | GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN  |
| 29/337,333 |           | INTERACTIVE INTERFACE FOR NAVIGATING, PREVIEWING, AND ACCESSING MULTIMEDIA CONTENT       |
| 29/339,842 |           | GRAPHICAL USER INTERFACE FOR DISPLAYING MULTIMEDIA CONTENT FOR A DISPLAY SCREEN          |
| 29/339,843 |           | A Display Panel Displaying Web Browser Content and Controls                              |
| 60/117,874 |           | WEB SERVER CONTENT REPLICATION   |
| 60/139,827 |           | REFERRAL MANAGEMENT SYSTEM   |
| 60/143,473 |           | SYSTEM AND METHOD FOR PERSONALIZED INFORMATION FILTERING AND ALERT GENERATION            |
| 60/180,379 |           | SYSTEMS AND METHODS FOR PREDICTING TRAFFIC ON INTERNET SITES                             |
| 60/187,683 |           | Financial information display  |
| 60/198,713 |           | Financial information display  |
| 60/204,910 |           | Parental control system for use in connection with account-based internet access server  |
| 60/214,662 |           | FINANCIAL INFORMATION PORTAL   |
| 60/226,611 |           | Method of interpreting and presenting web content using a voice browser                  |
| 60/229,662 |           | REDUCTION OF META DATA IN A NETWORK  |
| 60/363,802 |           | SYSTEM AND METHOD FOR MANAGING TWO OR MORE ELECTRONIC DEVICES                            |
| 60/363,810 |           | SYSTEM AND METHOD FOR ADAPTING PREFERENCES BASED ON DEVICE LOCATION AND NETWORK TOPOLOGY |
| 60/363,876 |           | SYSTEM FOR STANDARDIZING UPDATES OF DATA ON A PLURALITY OF ELECTROONIC DEVICES           |
| 60/363,877 |           | SYSTEM AND METHOD FOR DELIVERING DATA IN A NETWORK                                       |
| 60/421,624 |           | Centrally controllable instant messaging system  |
| 60/457,479 |           | Instant messaging using an e-mail protocol   |
| 60/471,822 |           | Mapping method and system  |
| 60/518,867 |           | Navigation pattern on a directory tree   |
| 60/518,868 |           | Navigation pattern on a directory tree   |
| 60/518,897 |           | NAVIGATION PATTERN ON A DIRECTORY TREE   |
| 60/518,898 |           | NAVIGATION PATTERN ON A DIRECTORY TREE   |
| 60/520,846 |           | Method and apparatus for performing a search   |
| 60/536,870 |           | Parental controls authentication   |
| 60/540,690 |           | Method, apparatus and system for providing online identities                             |

| Appl. No.  | Grant No. | Title  |
|------------|-----------|--|
| 60/544,880 |           | A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications |
| 60/544,914 |           | A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications |
| 60/559,480 |           | Method and apparatus for providing persistent and dynamic moods in Avatars   |
| 60/559,515 |           | Method and apparatus for flash-based Avatar display  |
| 60/559,516 |           | Method and apparatus for providing a real-time notification mechanism for Avatars/messenger  |
| 60/567,316 |           | Method and apparatus for performing a search   |
| 60/571,026 |           | SYSTEMS AND METHODS FOR PROVIDING NOTIFICATION AND FEEDBACK BASED ON ELECTRONIC PAYMENT TRANSACTIONS   |
| 60/588,182 |           | SYSTEMS AND METHODS FOR IMPLEMENTING PERSON-TO-PERSON MONEY EXCHANGE   |
| 60/605,927 |           | Optimal storage and retrieval of XML data  |
| 60/622,416 |           | Traffic messaging system   |
| 60/661,641 |           | ANTIBOT LOGIN DISPLAY FOR INSTANT MESSAGING SYSTEM   |
| 60/661,644 |           | METHOD AND SYSTEM FOR PREMIUM ACCESS   |
| 60/674,109 |           | GENERATION AND USE OF METADATA FOR MEDIA OBJECTS   |
| 60/683,216 |           | SYSTEM AND METHOD FOR SELECTING AND MANAGING FILES   |
| 60/683,219 |           | SYSTEM AND METHOD FOR SELECTING AND MANAGING FILES   |
| 60/686,262 |           | SYSTEMS AND METHODS FOR CREATING AND EDITING A TRAVEL GUIDE  |
| 60/706,664 |           | INTERACTION STORYBOARDS  |
| 60/724,448 |           | Collapsible itineraries  |
| 60/724,577 |           | INSTANT MESSAGING INTEROPERABILITY BETWEEN DISPARATE SERVICE PROVIDERS   |
| 60/727,208 |           | INTERACTIVE MAPPING METHOD AND SYSTEM  |
| 60/765,224 |           | User interface systems and methods   |
| 60/765,888 |           | Method and system for presenting photos on a website   |
| 60/765,990 |           | PROGRESSIVE LOADING  |
| 60/771,154 |           | Persistent photo tray  |
| 60/878,749 |           | DATA SYNCHRONIZATION AND DEVICE HANDLING USING SEQUENCE NUMBERING  |
| 60/920,579 |           | DISTRIBUTED COLLABORATIVE LEARNING SYSTEM  |

| Appl. No.  | Grant No. | Title  |
|------------|-----------|--|
| 61/067,872 |           | BROWSER-BASED APPLICATIONS AND INTERFACES HAVING SECURE ACCESS TO NATIVE OPERATING SYSTEM FEATURES |
| 61/174,392 |           | Creating Secure Social Applications with Extensible Types  |